The Draft of revised Japanese Agricultural Standard for Organic Processed Foods

(Purposes)

Article 1 The purposes of this standard are to define the criteria, etc. of production methods of the organic processed foods.

(Principles of Production of Organic processed foods)

Article 2 Organic processed foods should be produced according the principles that the characteristics of the organic agricultural products (those prescribed in Article 3 of the Japanese Agricultural Standard (JAS) for Organic Agricultural Products (the Notification No.59 of the Ministry of Agriculture, Forestry and Fisheries, of January 20, 2000); being the same hereafter.) and the organic livestock products (those prescribed in Article 3 of the JAS for Organic Livestock Products (the Notification No. _of the Ministry of Agriculture, Forestry and Fisheries, of _, _ (*)); being the same hereafter.) which are the raw materials are preserved in the manufacturing and processing processes, on the basis of the processing methods applying the physical and biological functions, with avoiding the use of the food additives and drugs synthesized chemically.

(*): The number of notification and the date to be published will be provided after these standards are adopted.

(Definition)

Article 3 In this standard, the organic processed foods are defined as the processed foods produced by methods satisfying the criteria of the following Article.

(Criteria of Production Methods)

Article 4 The criteria of the production methods are as follows:

Items	Criteria
Raw materials	Do not use any materials except for those described as
(including	follows.
processing aid)	1. Organic agricultural products, Organic processed foods, or
	Organic livestock products with the label of certification on those packages, containers or invoices
	2. Organic agricultural product, Organic processed foods, or
	Organic livestock products without the label of
	certification, which are produced by the persons
	manufacturing and processing the said processed foods
	and graded by Article 14 or Article 15 of the Law

- Concerning Standardization and Proper Labeling of Agricultural and Forestry Products (Law No. 175, 1950).
- 3. Agricultural products except for 1 and 2 (except for the agricultural products concerning the same category to the organic agricultural products used for the raw materials, ionizing radiated foods, and those produced by the recombinant DNA technology (technology preparing the recombinant DNA by connecting DNA through the cleavage and recombination using enzyme, implanting it into a living cell, and proliferating it; being the same hereafter.)); livestock (except for the livestock products concerning the same category to the organic livestock products used for the raw materials, ionizing radiated foods, and those produced by the recombinant DNA technology) and marine products (except for the ionizing radiated foods and those produced by using the recombinant DNA technology), and their processed products (except for the processed foods of the same category to the organic processed foods used for the raw materials and the ionizing radiated foods).
- 4. Salt
- 5. Water.
- 6. Food additive described in Attached table 1 (except for those produced using the recombinant DNA technology; being the same hereafter.).

Utilization ratio of raw materials

- 1. In the raw materials excluding the weights of the salt and the water, the ratio of the agricultural, livestock and marine products and those processed products other than the organic products shall be 5% or less.
- 2. The use of the food additive shall be within the necessary minimum for manufacturing or processing the said processed foods.

Management concerning manufacturing, processing, packaging, and other processes

- 1. The manufacturing or processing methods shall be defined as the methods applying the physical or biological functions (the used micro-organisms, etc. shall be limited to those without using the recombinant DNA technology.) except for cases using the food additive described in the attached table 1.
- 2. No ionizing radiation shall be applied thereto for the disease and pest control, the preservation of the foods, the removal of the pathogens, or the sanitation.
- 3. The drugs used for the disease and pest control shall be limited to those described in the attached table 2. When

using those described in the attached table 2, prevent them from being mixed in the raw materials and the products.

4. The organic agricultural products, the organic processed

- 4. The organic agricultural products, the organic processed foods or the organic livestock products, which are used for the raw materials, shall be controlled not to be mixed with other agricultural products, livestock products or processed foods.
- 5. The manufactured or processed foods which are produced in accordance with the criteria of raw materials, the criteria of utilization ratio of raw materials and the criteria of 1 to 4 above on the article shall be controlled not to be polluted by the agricultural chemicals, detergent, disinfectant, and other drugs.

(Labelling of the Names of the Organic processed foods and the Raw Materials)

Article 5 The names of the organic processed foods and the raw materials shall be labelled by the methods prescribed as follows.

Division	Criteria
Labeling of names	1. To attach one of the labels in the following. (1) "有機加工食品" (which means organic processed foods in Japanese.) (2) "有機〇〇" or "〇〇(有機)" (which means organic 〇〇 or 〇〇 (organic) in Japanese.) (3) "オーガニック〇〇" or "〇〇(オーガニック)" (which means organic 〇〇 or 〇〇 (organic) in Japanese.) (Notes) The general name of the processed foods shall be described in "〇〇" 2. As for those using the organic agricultural products harvested in the field under the conversion period or those manufacturing or processing the agricultural products harvested in the field under the conversion period for the raw materials, describe "under the conversion period" in the front/rear of the name to be described as prescribed in 1.
Labelling of names of the raw materials	1. As for the organic agricultural products (except for the organic agricultural products harvested in the fields under the conversion period), the organic processed foods (except for those using the organic agricultural products harvested in the fields under the conversion period for the raw materials) or the organic livestock products in the used

- raw materials, characters such as "organic" shall be described in the general names of the agricultural or livestock products or the processed foods.
- 2. As for those manufactured or processed using the organic agricultural products harvested in the fields under the conversion period or the organic processed foods using the organic agricultural products harvested under the conversion period for the raw materials, describe "under the conversion period" in the front/rear of the raw material names to be described as prescribed in 1.

Attached Table 1

Food additives	Criteria
Citric acid	Limited to be used as pH adjustment agent or used for vegetable processed products or fruit processed products.
Sodium acid citrate	Limited to be used for sausages, low-temperature pasteurization of egg albumen, or milk products.
DL- malic acid	Limited to be used for agricultural products.
Lactic acid	Limited to be used for vegetable processed products or casing of sausage, or used as coagulating agent for milk products or as pH adjustment agent for souse of cheese.
L- ascorbic acid	Limited to be used for agricultural products.
Sodium L-ascorbate	Limited to be used for meat processed foods.
Tannin	Limited to be used as filter aid for agricultural products.
Sulfuric acid	Limited to be used as pH adjustment agent for the extracted water in producing sugar.
Sodium carbonate	Limited to be used for confectionery, sugar, processed products of beans, noodles, or bread, or used as neutralizing agent for milk productions.
Potassium carbonate	Limited to be used for drying fruit processed products, or used for grains processed products, processed products of beans, noodles, bread, or confectionery.
Calcium carbonate	In the case of the use for livestock products, limited to be used for milk products (except the use as colors) or used as coagulating agent for cheese production.
Ammonium carbonate	Limited to be used for agricultural products.
Magnesium carbonate	Limited to be used for agricultural products.
Potassium chloride	Limited to be used for vegetable processed products, fruits processed products, seasonings, soup, or meat

	processed products.
Calcium chloride	Limited to be used as coagulating agent or used for edible fat and oil, vegetable processed products, fruit processed products, processed products of beans, milk products, or meats processed products.
Magnesium chloride	Limited to be used as coagulating agent or used for processed products of beans.
Crude sea water magnesium chloride	Limited to be used as coagulating agent or used for processed products of beans.
Sodium hydroxide	Limited to be used as pH adjustment agent for processing sugar or used for grains processed products.
Potassium hydroxide	Limited to be used as pH adjustment agent for processing sugar.
Calcium hydroxide	Limited to be used for agricultural products.
DL- tartaric acid	Limited to be used for agricultural products.
L- tartaric acid	Limited to be used for agricultural products.
DL-sodium tartrate	Limited to be used for confectionary.
L-sodium tartrate	Limited to be used for confectionery.
DL- potassium hydrogen tartrate	Limited to be used for grains processed products or confectionery.
L- potassium hydrogen tartrate	Limited to be used for grains processed products or confectionery.
Calcium dihydrogen phosphate	Limited to be used as expanding agent for powders.
Calcium sulfate	Limited to be used as coagulating agent or used for confectionery, processed products of beans, or bread yeast
Alginic acid	Limited to be used for agricultural products.
Sodium alginate	Limited to be used for agricultural products.
Agar	
Carrageenan	
Carob bean gum	In the case of the use for livestock products, limited to be used for milk products.
Guar gum	Limited to be used for milk products or meat processed

	products.
Tragacanth gum	In the case of the use for livestock products, limited to be used for milk products, canned meats or confectionery
Arabian gum	Limited to be used for milk products, edible fat and oil or confectionery.
Xanthan gum	In the case of the use for livestock products, limited to be used for milk products or confectionery.
Karaya gum	In the case of the use for livestock products, limited to be used for milk products or confectionery.
Casein	Limited to be used for agricultural products.
Gelatin	Limited to be used for agricultural products.
Pectin	In the case of the use for livestock products, limited to be used for milk products.
Ethanol	In the case of the use for livestock products, limited to be used for meat processed products.
Mix tocopherol	In the case of the use for livestock products, limited to be used for meat processed products.
Enzymegenation lecithin	Limited to those obtained without any bleaching or organic solvent treatment. Besides, in the case of the use for livestock products, limited to be used for milk products, infant foods derived from milk, fat and oil products, or mayonnaise.
Enzymatic hydrolysis lecithin	Limited to those obtained without any bleaching or organic solvent treatment. Besides, in the case of the use for livestock products, limited to be used for milk products, infant foods derived from milk, fat and oil products, or mayonnaise.
Plant lecithin	Limited to those obtained without any bleaching or organic solvent treatment. Besides, in the case of the use for livestock products, limited to be used for milk products, infant foods derived from milk, fat and oil products, or mayonnaise.
Egg yolk lecithin	Limited to those obtained without any bleaching or organic solvent treatment. Besides, in the case of the use for livestock products, limited to be used for milk products, infant foods derived from milk, fat and oil products, or mayonnaise.
Talc	Limited to be used for agricultural products.

Pontonito	I imited to be used for equipultural products
Bentonite	Limited to be used for agricultural products.
Kaolin	Limited to be used for agricultural products.
Diatomaceous earth	Limited to be used for agricultural products.
Perlite	Limited to be used for agricultural products.
Silicon dioxide	Limited to be used as gel or colloidal solution for
	agricultural products.
Active carbon	Limited to be used for agricultural products.
Beeswax	Limited to be used as separating agent for agricultural
	products.
Carnaiba wax	Limited to be used as separating agent for agricultural
	products.
Wood ash	Limited to be used for cheese which is traditionally
	produced.
Perfume	Not to be chemically synthesized.
Nitrogen	
Oxygen	
Carbon dioxide	
Enzyme	
Sodium hypochlorite	Limited to be used for disinfection of animal intestines
	for meat processed foods or cleaning of eggs.
Liquid sodium hypochlorite	Limited to be used for disinfection of animal intestines
	for meat processed foods or cleaning of eggs.
Fumaric acid preparation	Limited to be used for disinfection of animal intestines
	for meat processed foods or cleaning of eggs.
Other food additives	Those satisfying the following requirements.
	1. To be essential for manufacture or processing of the
	said foods.
	2. To preserve the stability of the nutritional value and
	the quality.
	3. To have no possibility of causing consumers to judge
	wrongly
	4. To be the natural products or those derived from the
	natural products and added with no chemical synthetic
	substance thereto.

Attached Table 2

Chemical agents		Cri	iteria	
Pyrethrum emulsion		extracted folium.	from	chrysanthemum
Derris emulsion				

Domic consider	
Derris powder	
Derris powdered agent	
Rape-seed oil emulsion	
Machine oil aerosol	
Machine oil emulsion	
Sulfur smoking agent	
Sulfur powdered agent	
Sulfur/copper wettable	
powder	
Wettable sulfur powder	
Lentinus edodes mycelium	
extract liquid	
Sodium hydrogencarbonate	
wettable powder	
Sodium	
hydrogen-carbonate/copper	
wettable powder	
Copper wettable powder	
Copper powdered agent	
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Copper sulfate	Limited to be used for preparing Bordeaux
Copper sulfate	Limited to be used for preparing Bordeaux mixture.
Copper sulfate Calcined lime	
	mixture.
	mixture. Limited to be used for preparing Bordeaux
Calcined lime	mixture. Limited to be used for preparing Bordeaux
Calcined lime Liquid nitrogen	mixture. Limited to be used for preparing Bordeaux
Calcined lime Liquid nitrogen Biotic pesticide such as	mixture. Limited to be used for preparing Bordeaux
Calcined lime Liquid nitrogen Biotic pesticide such as natural enemy and biotic	mixture. Limited to be used for preparing Bordeaux
Calcined lime Liquid nitrogen Biotic pesticide such as natural enemy and biotic pesticide pharmaceuticals	mixture. Limited to be used for preparing Bordeaux
Calcined lime Liquid nitrogen Biotic pesticide such as natural enemy and biotic pesticide pharmaceuticals Sex pheromone agent	mixture. Limited to be used for preparing Bordeaux
Calcined lime Liquid nitrogen Biotic pesticide such as natural enemy and biotic pesticide pharmaceuticals Sex pheromone agent Attractant	mixture. Limited to be used for preparing Bordeaux
Calcined lime Liquid nitrogen Biotic pesticide such as natural enemy and biotic pesticide pharmaceuticals Sex pheromone agent Attractant Repellent	mixture. Limited to be used for preparing Bordeaux
Calcined lime Liquid nitrogen Biotic pesticide such as natural enemy and biotic pesticide pharmaceuticals Sex pheromone agent Attractant Repellent Chlorella extract liquid	mixture. Limited to be used for preparing Bordeaux
Calcined lime Liquid nitrogen Biotic pesticide such as natural enemy and biotic pesticide pharmaceuticals Sex pheromone agent Attractant Repellent Chlorella extract liquid Mixed crude drug extract	mixture. Limited to be used for preparing Bordeaux
Calcined lime Liquid nitrogen Biotic pesticide such as natural enemy and biotic pesticide pharmaceuticals Sex pheromone agent Attractant Repellent Chlorella extract liquid Mixed crude drug extract liquid	mixture. Limited to be used for preparing Bordeaux mixture.
Calcined lime Liquid nitrogen Biotic pesticide such as natural enemy and biotic pesticide pharmaceuticals Sex pheromone agent Attractant Repellent Chlorella extract liquid Mixed crude drug extract liquid Casein lime	mixture. Limited to be used for preparing Bordeaux mixture. Limited to be used for spreader.
Calcined lime Liquid nitrogen Biotic pesticide such as natural enemy and biotic pesticide pharmaceuticals Sex pheromone agent Attractant Repellent Chlorella extract liquid Mixed crude drug extract liquid Casein lime Paraffin	mixture. Limited to be used for preparing Bordeaux mixture. Limited to be used for spreader.
Calcined lime Liquid nitrogen Biotic pesticide such as natural enemy and biotic pesticide pharmaceuticals Sex pheromone agent Attractant Repellent Chlorella extract liquid Mixed crude drug extract liquid Casein lime Paraffin Wax wettable powder	mixture. Limited to be used for preparing Bordeaux mixture. Limited to be used for spreader. Limited to be used for spreader.

(Notes) In using chemical agents, obey the usage described on a label attached on the container of the agricultural chemicals.